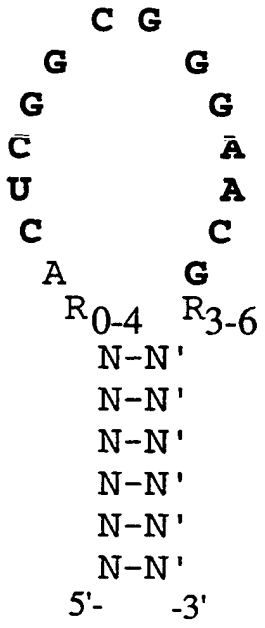

FIGURE 1A

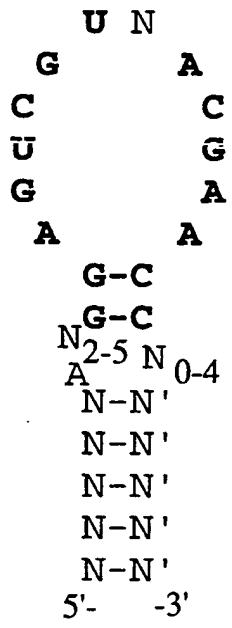

FIGURE 1B

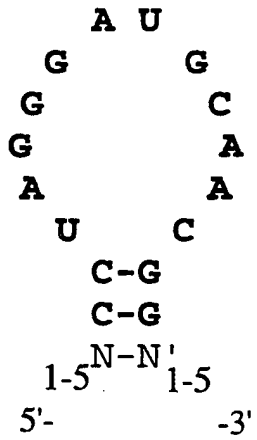

FIGURE 1C

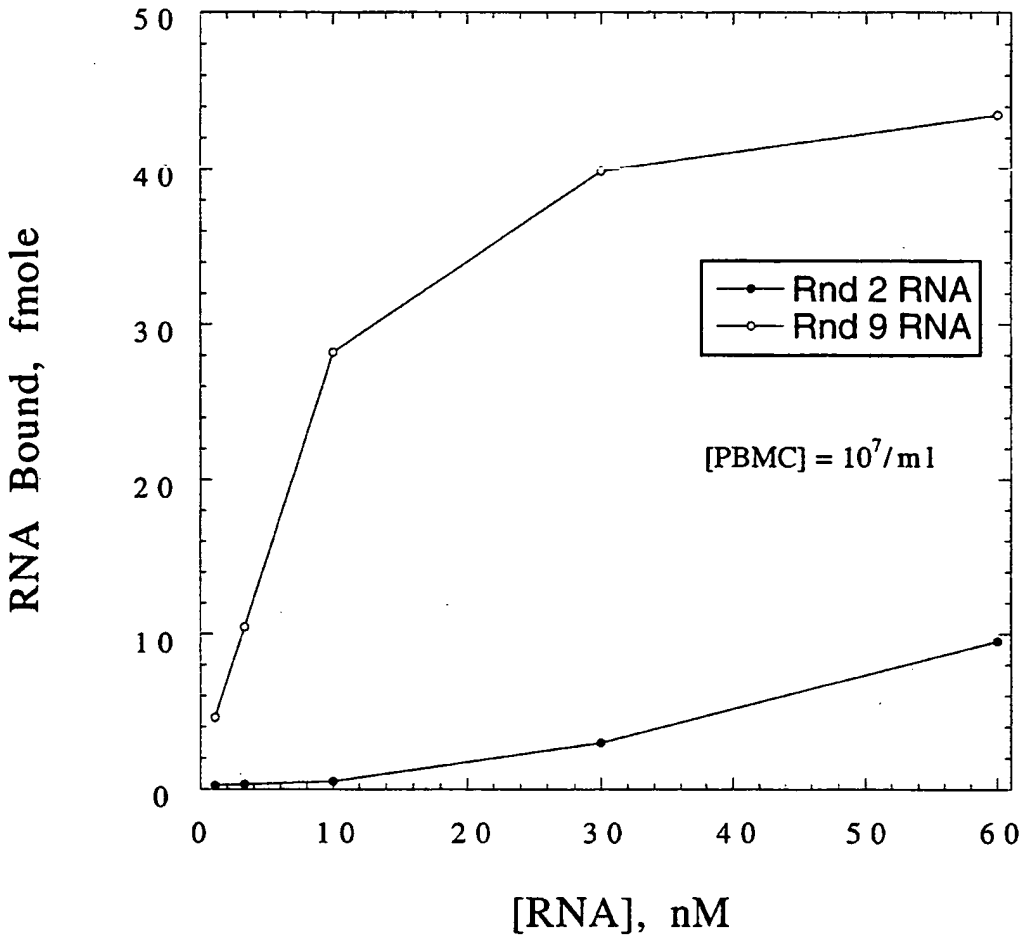
RNA Bound, fmole
50
40
30
20
10
0
0
10
20
30
40
50
60
[RNA], nM
Rnd 2 RNA
Rnd 9 RNA
[PBMC] = 10^7/ml

FIGURE 2

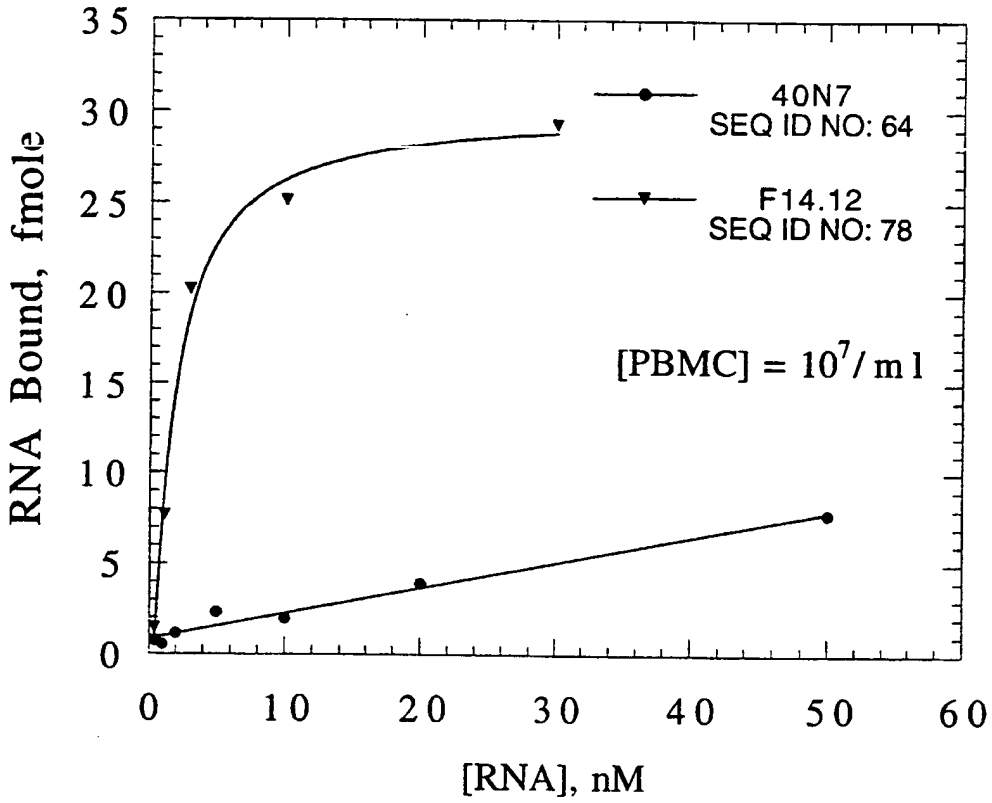
RNA Bound, fmole
35
30
25
20
15
10
5
0
0
10
20
30
40
50
60
[RNA], nM
40N7
SEQ ID NO: 64
F14.12
SEQ ID NO: 78
[PBMC] = 10^7/ml

FIGURE 3

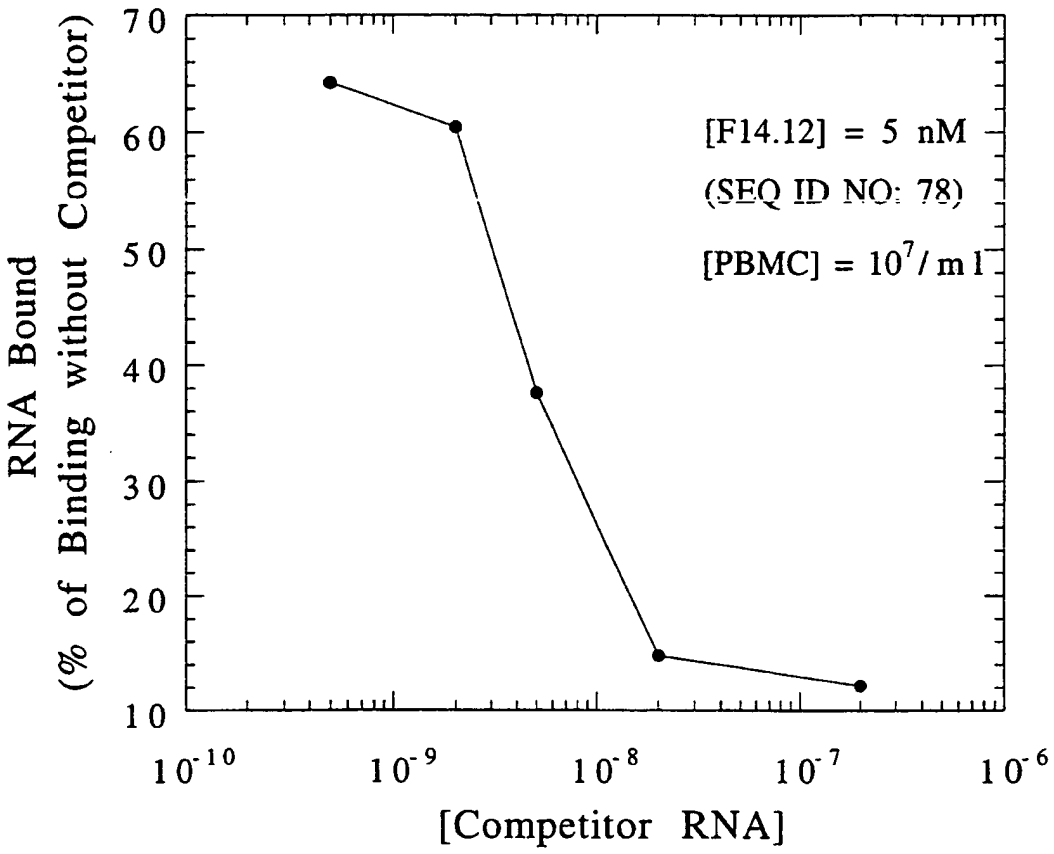
RNA Bound
(% of Binding without Competitor)
70
60
50
40
30
20
10
[F14.12] = 5 nM
(SEQ ID NO: 78)
[PBMC] = 10^7 / ml
10^-10
10^-9
10^-8
10^-7
10^-6
[Competitor RNA]

FIGURE 4

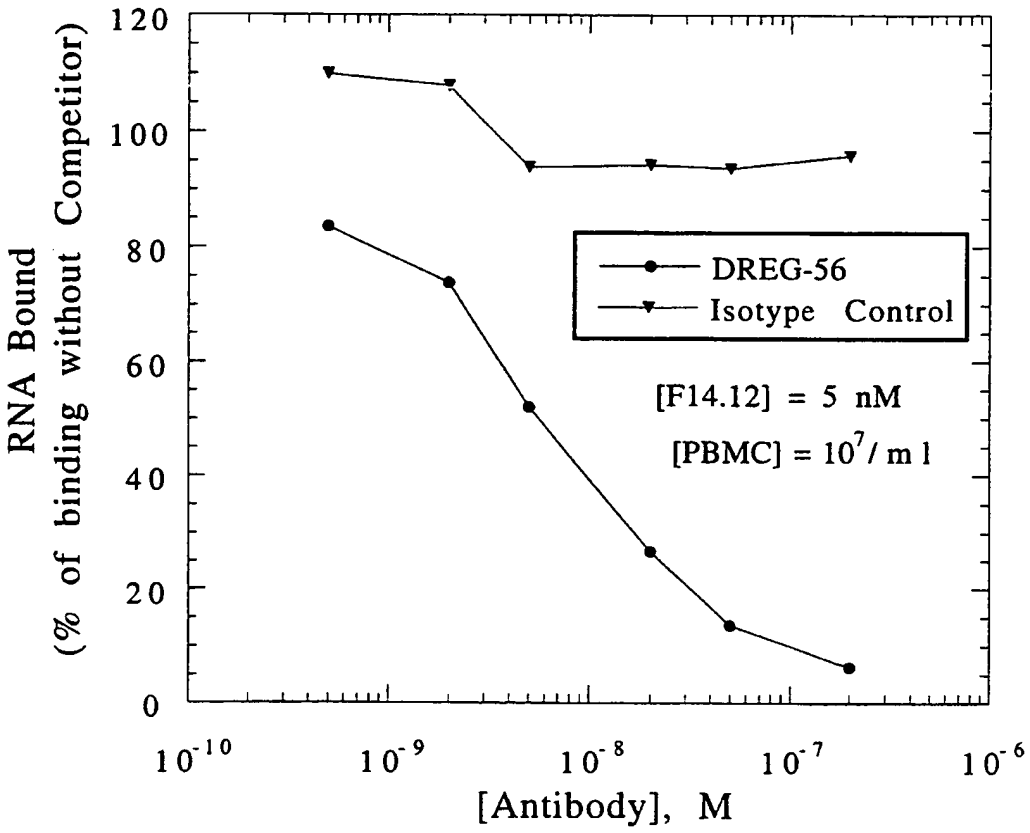
RNA Bound
(% of binding without Competitor)
120
100
80
60
40
20
0
DREG-56
Isotype Control
[F14.12] = 5 nM
[PBMC] = 10^7 / m l
10^-10
10^-9
10^-8
10^-7
10^-6
[Antibody], M

FIGURE 5

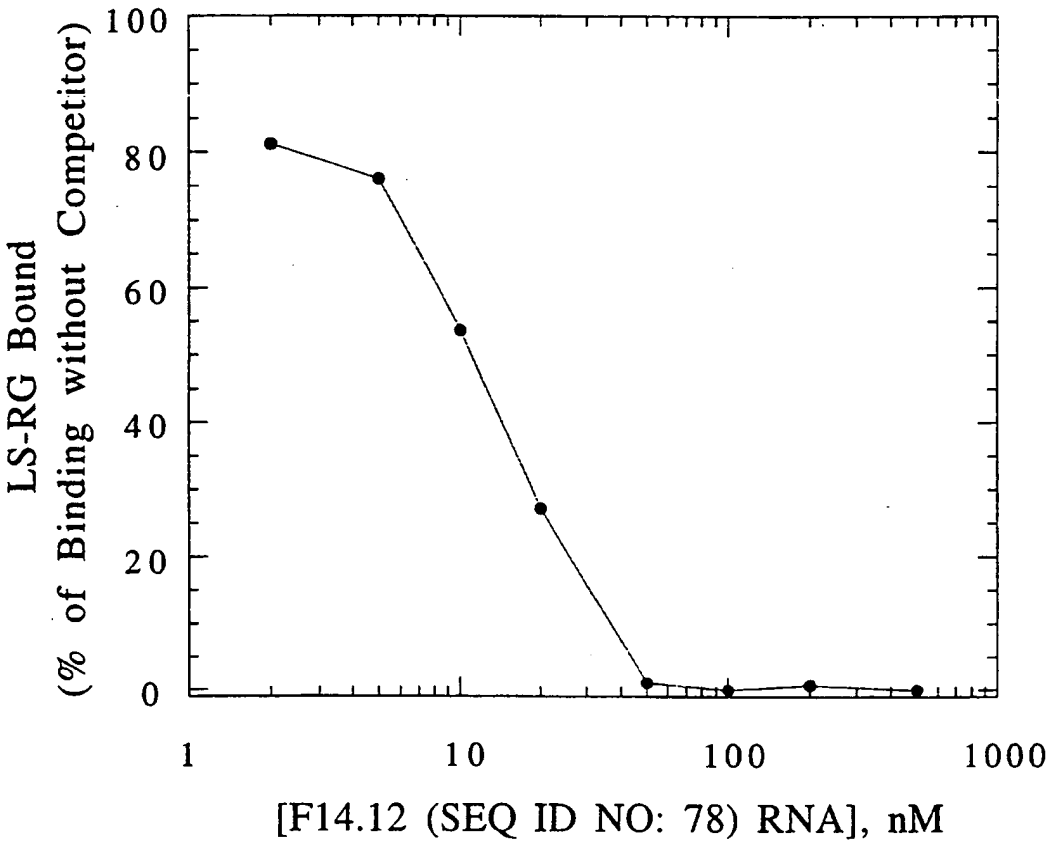
LS-RG Bound
(% of Binding without Competitor)
100
80
60
40
20
0
1
10
100
1000
[F14.12 (SEQ ID NO: 78) RNA], nM

FIGURE 6

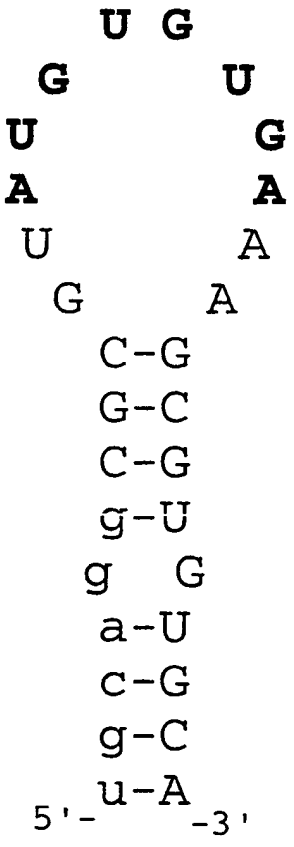

FIGURE 7A

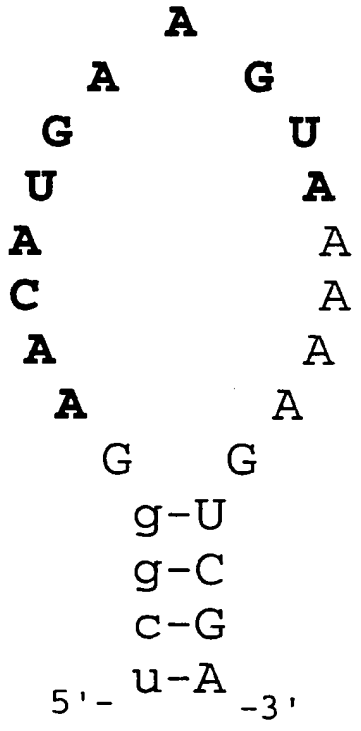

FIGURE 7B

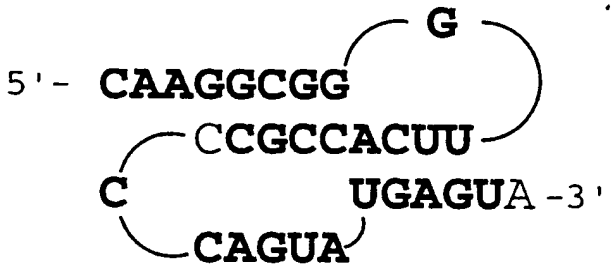

FIGURE 7C

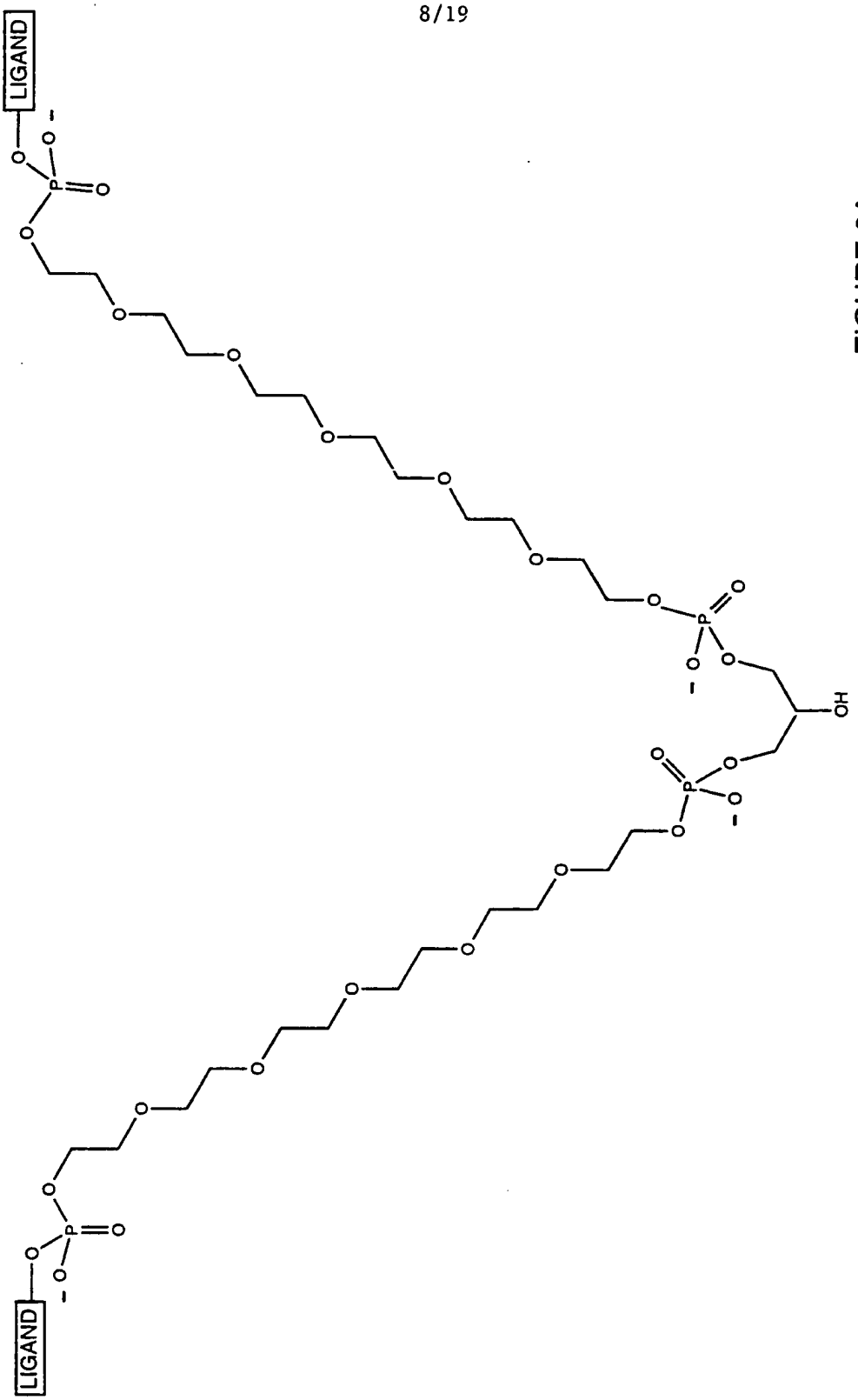

FIGURE 8A

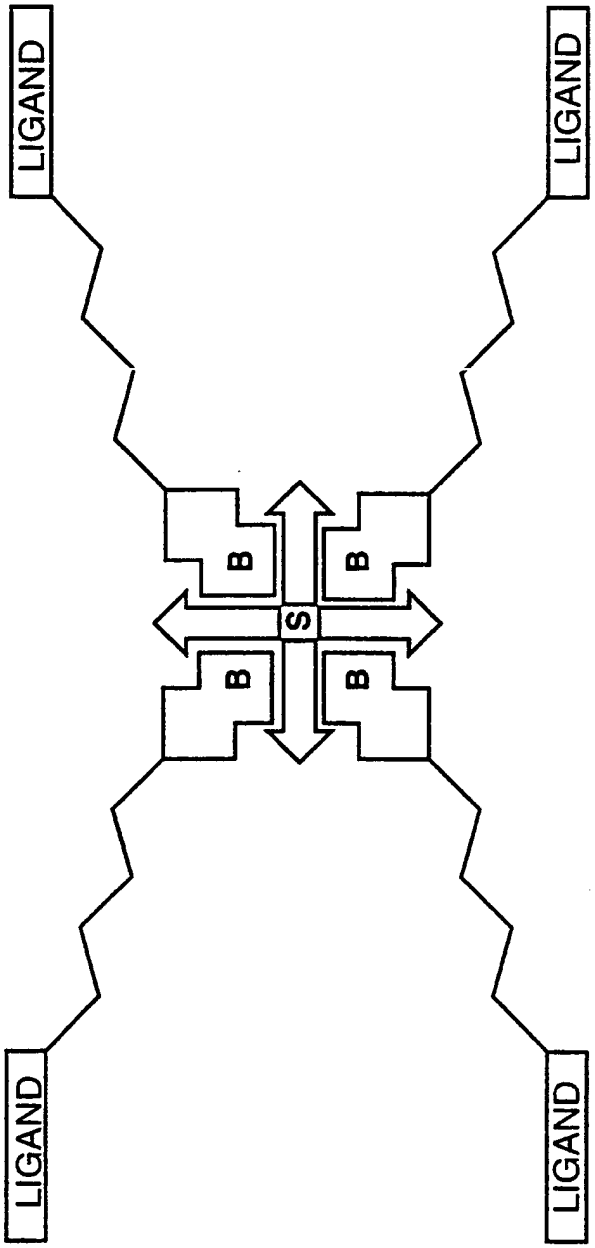

FIGURE 8B

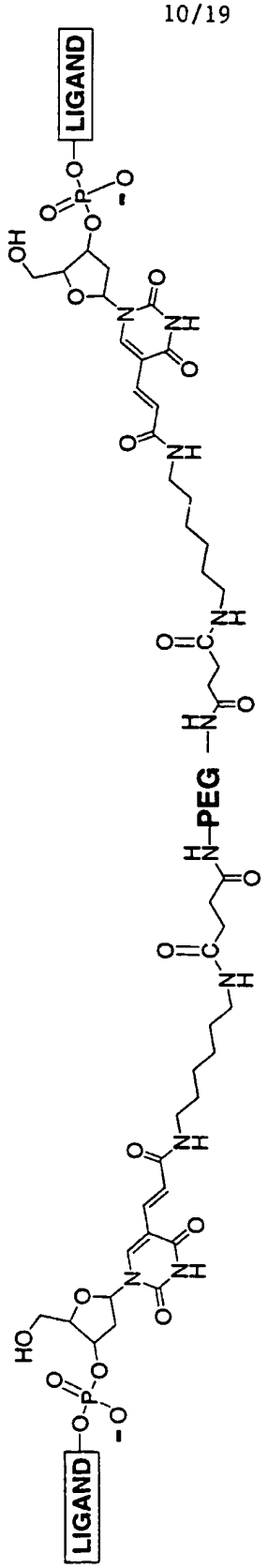

FIGURE 8C

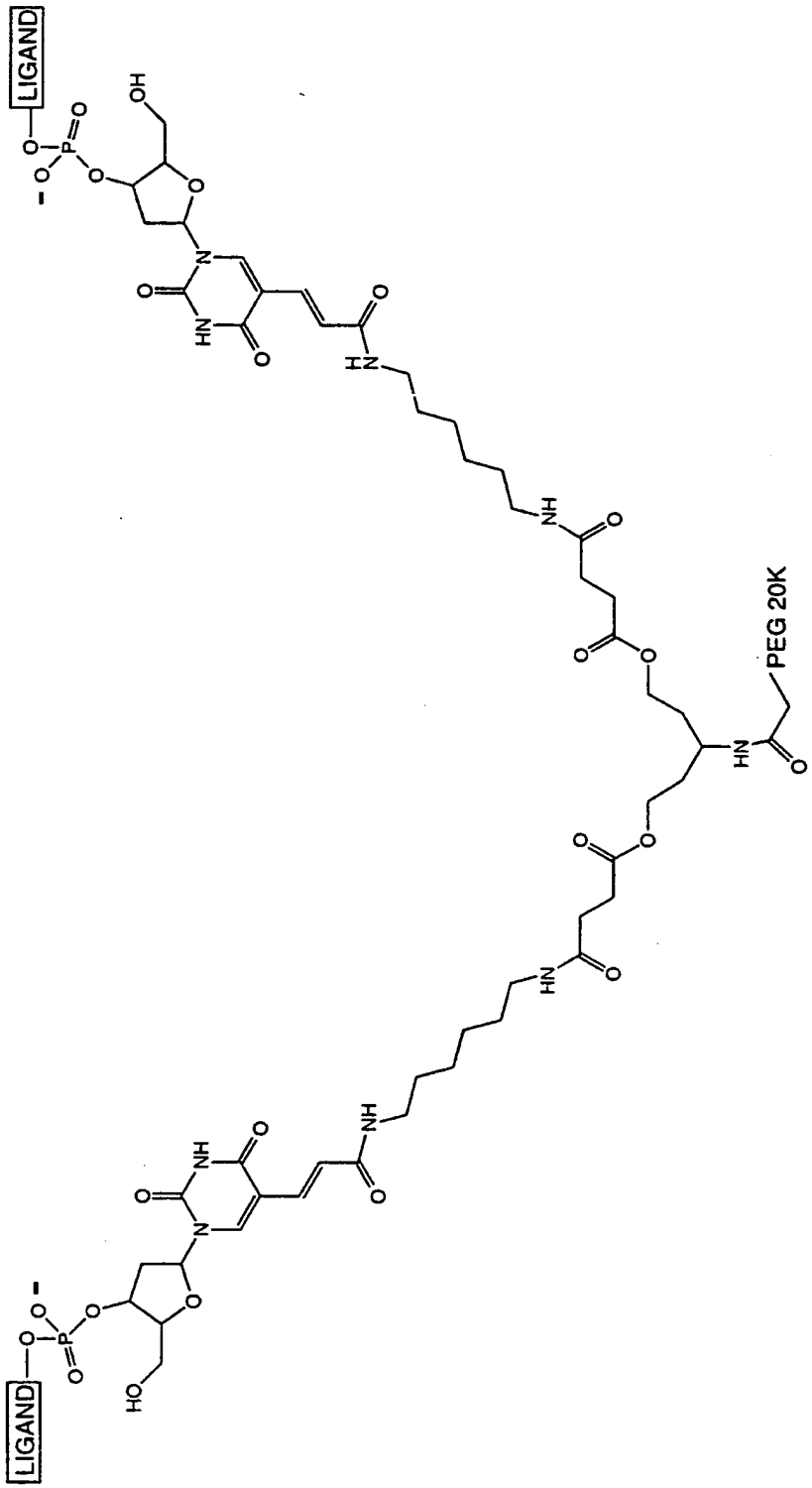

FIGURE 8D

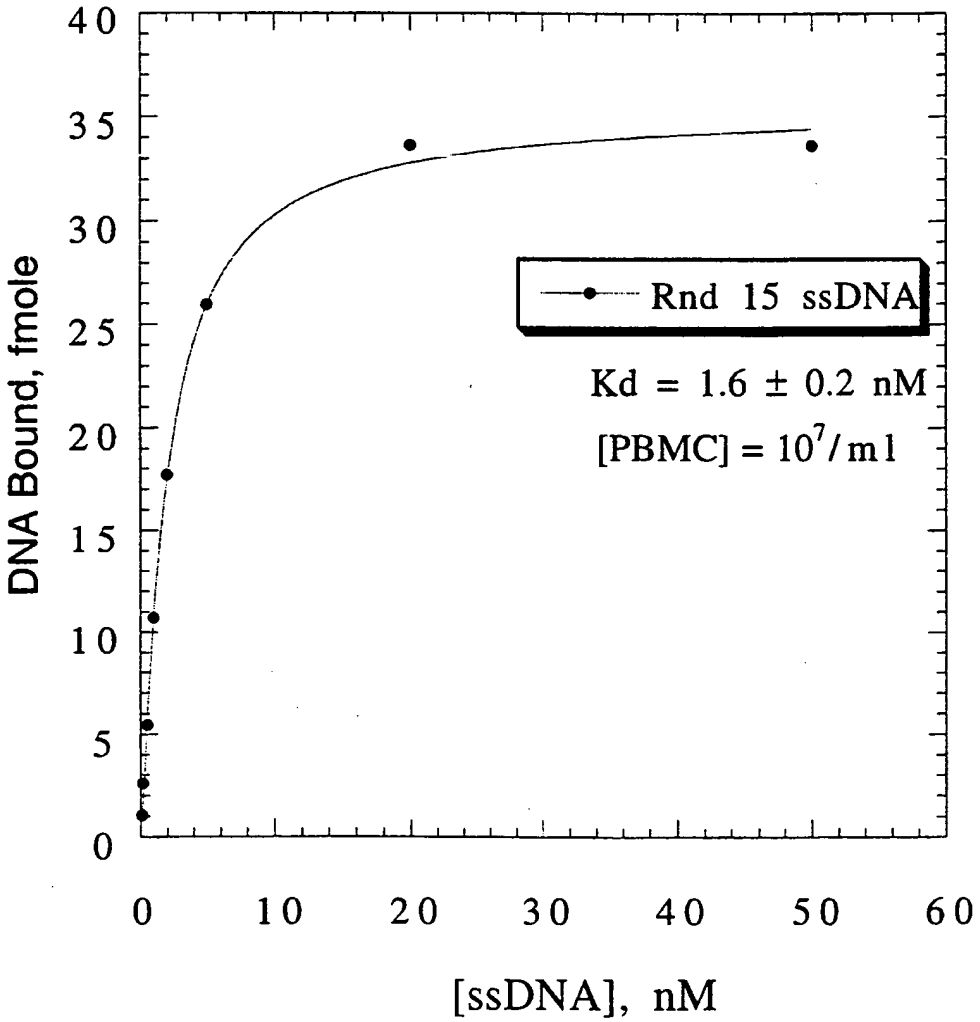
DNA Bound, fmole
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
[ssDNA], nM
Rnd 15 ssDNA
Kd = 1.6 ± 0.2 nM
[PBMC] = 10^7/ml

FIGURE 9

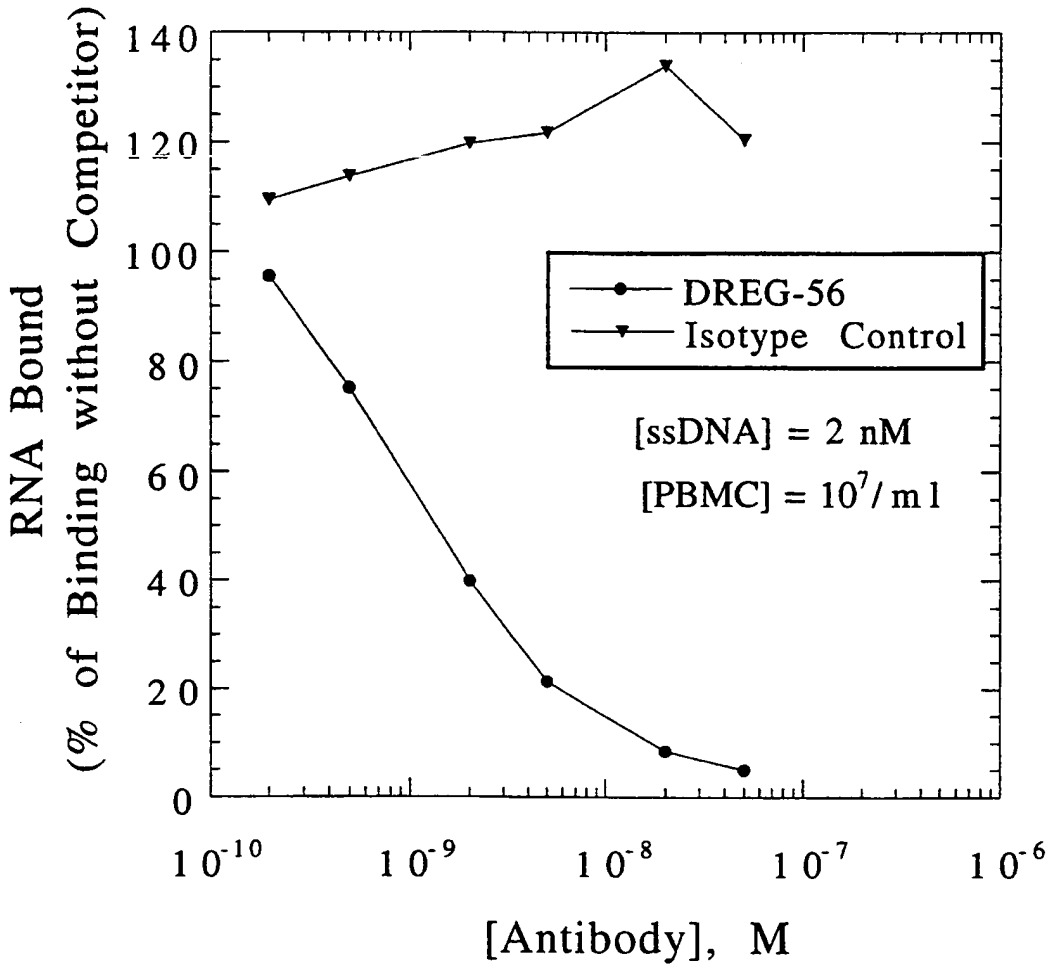
RNA Bound
(% of Binding without Competitor)
140
120
100
80
60
40
20
0
DREG-56
Isotype Control
[ssDNA] = 2 nM
[PBMC] = 10^7/ml
10^-10
10^-9
10^-8
10^-7
10^-6
[Antibody], M

FIGURE 10

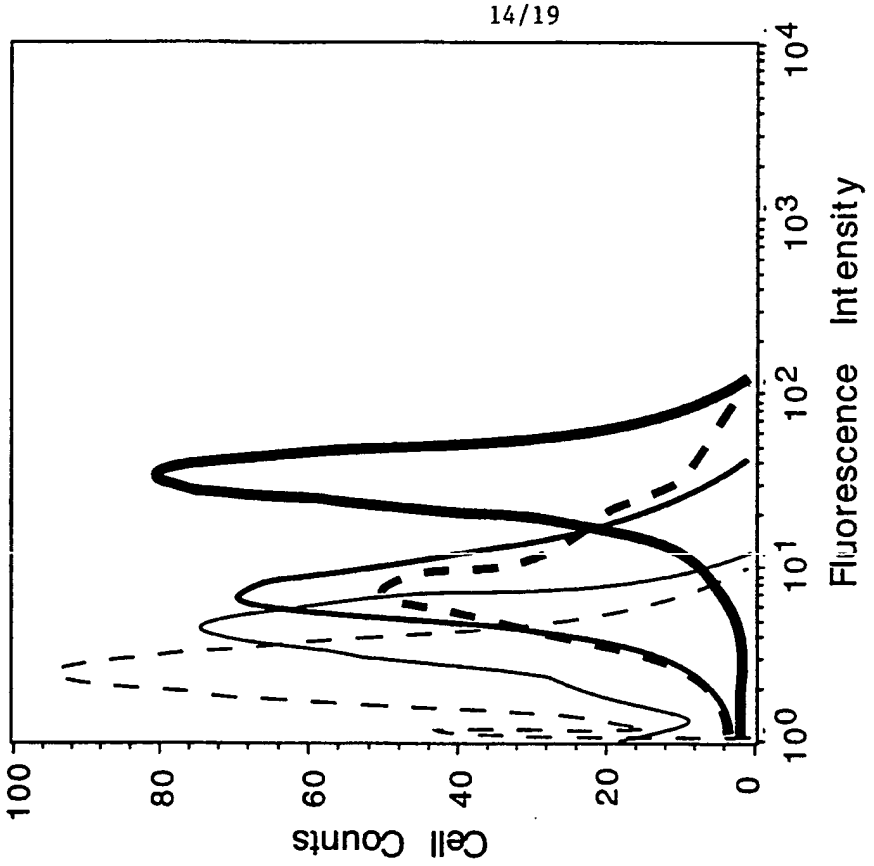

FIGURE 11B

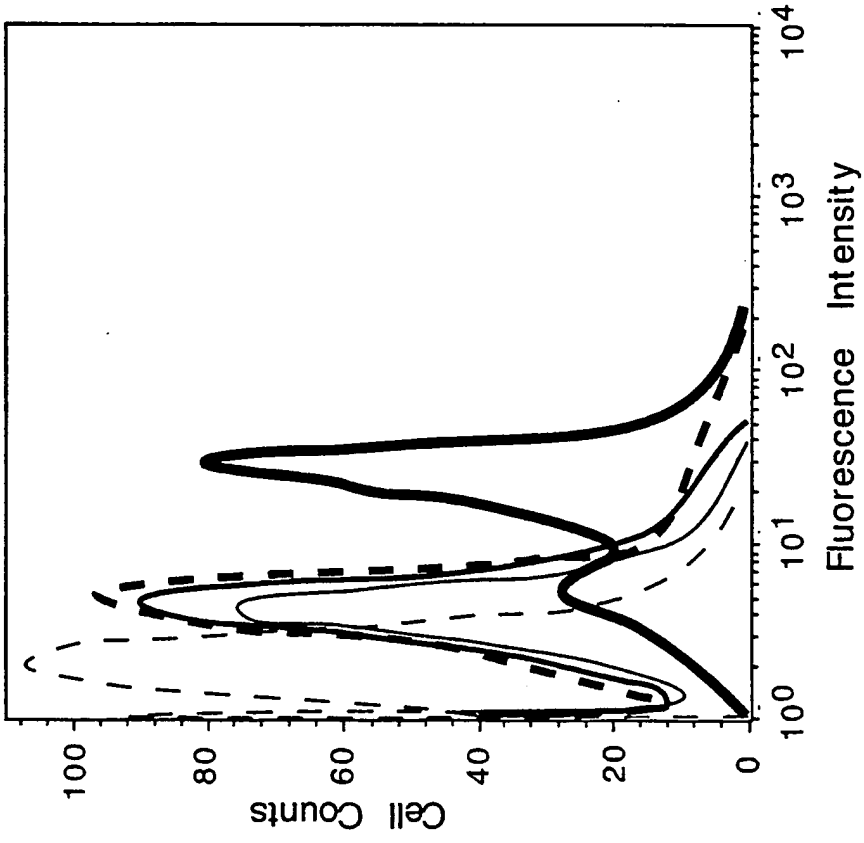

FIGURE 11A

Base Pairs

	AT	TA	GC	CG	GT	TG	GA	AG	AA	OTHER
Y T_{15}										
G A										
Y-R	2	13	3	6	--	--	--	--	--	--
G-A	--	--	3	--	--	--	21	--	--	--
$_{10}$**G-C**	--	--	24	--	--	--	--	--	--	--
A |										
A |										
C-G$_{20}$	--	--	--	24	--	--	--	--	--	--
A-T	18	4	1	1	--	--	--	--	--	--
$_{5}$T-A	4	18	--	--	1	--	1	--	--	--
G A	--	8	--	--	--	--	12	1	2	1
N-N'	12	3	7	--	--	1	--	--	--	1
N-N'$_{25}$	--	2	8	11	1	--	--	2	--	--
N-N'	4	--	1	3	4	--	2	--	1	9
5'-N N$_{-3}$'	1	--	1	3	1	--	2	2	1	13

FIGURE 12

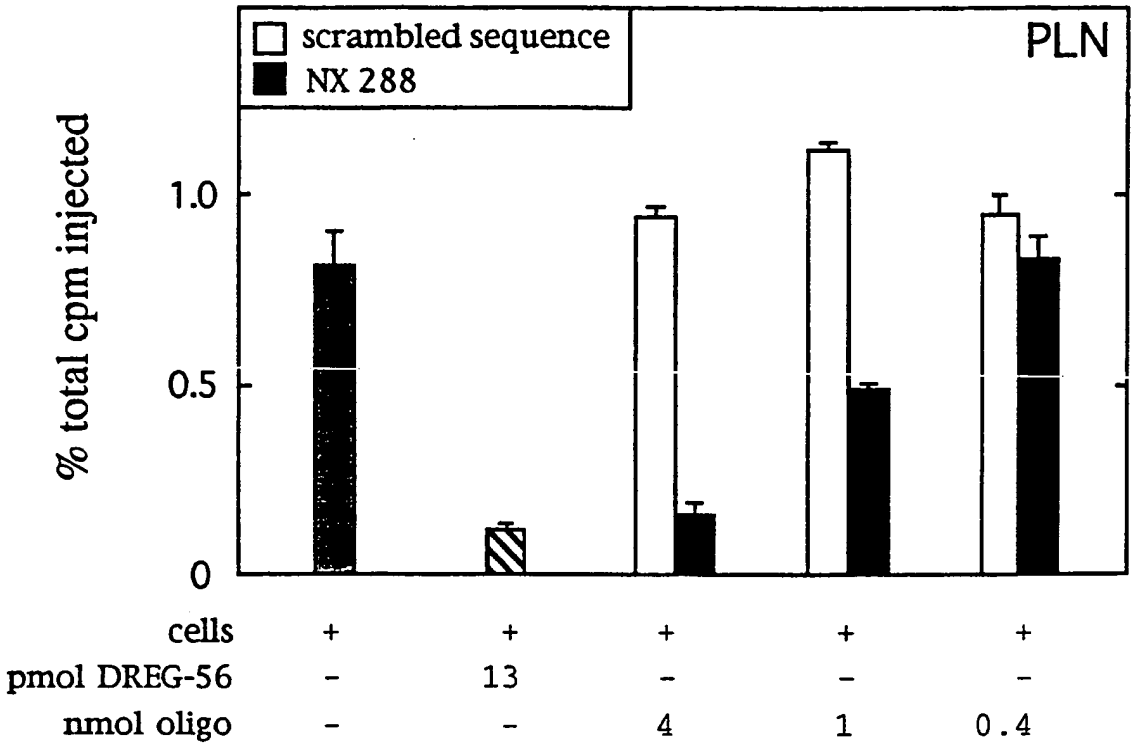
scrambled sequence
NX 288
PLN
% total cpm injected
1.0
0.5
0
cells + + + + +
pmol DREG-56 - 13 - - -
nmol oligo - - 4 1 0.4

FIGURE 13

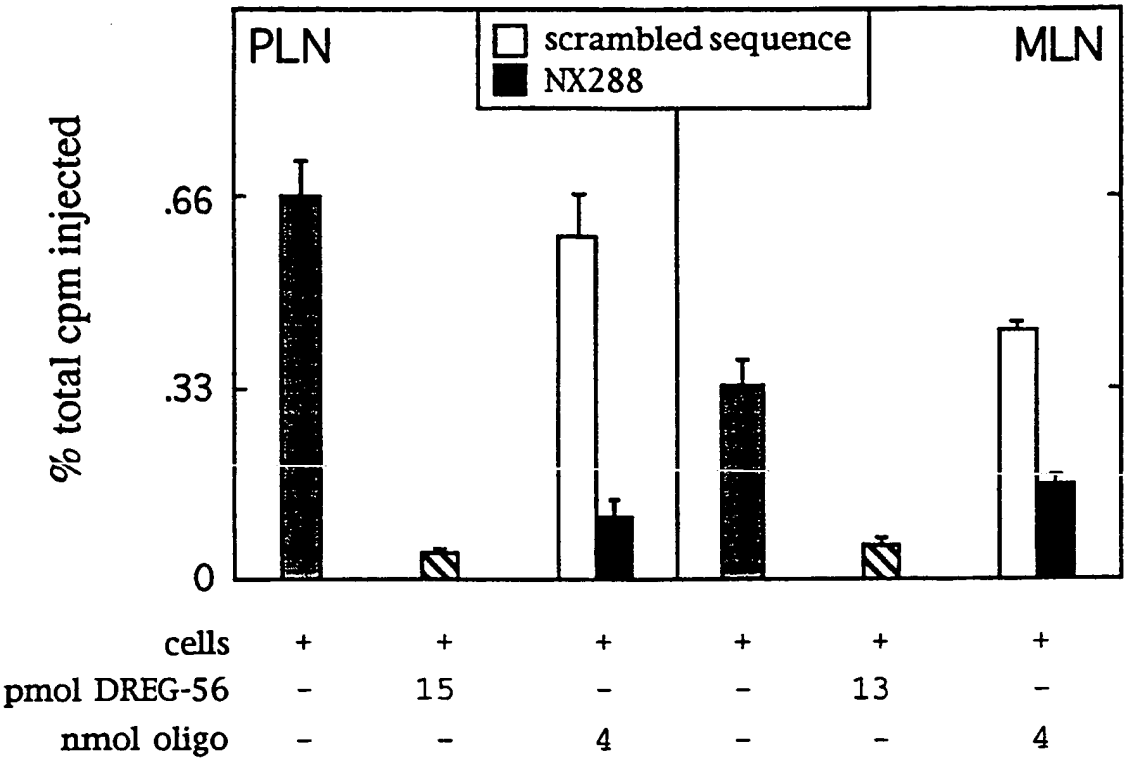
PLN
scrambled sequence
NX288
MLN
% total cpm injected
.66
.33
0
cells + + + + + +
pmol DREG-56 - 15 - - 13 -
nmol oligo - - 4 - - 4

FIGURE 14

		AU	UA	GC	CG	GU	UG	AG	GA	OTHER
U U										
U U										
G-C				21						
Y-R'			11		10					
G-A									21	
C-G			6		15					
R-Y'		9	1	11						
R Y R-Y'		13	1	6	1					
A |										
A |										
Y **U C** Y-R'			13	5	3					
N-N'		4	3	4	6	2	1	1		
R-Y'		7	3	7		3				1
G-C'		1	2	13	3					2
N-N'		3	2	5	1				2	8
N-N'		3	2	3	2				5	6
5' 3'										

FIGURE 15

	AU	UA	GC	CG	GU	OTHER
N2-16 N N N N R-Y'	9	--	2	--	1	1
K-M'	--	4	8	--	--	1
N_{3-5} A Y-R'	--	2	--	11	--	--
N-N'	4	--	6	3	--	--
N_{0-1} N C/A A A G-C	--	1	11	1	--	--
C-G	--	--	--	13	--	--
A A C C-G	--	--	--	13	--	--
U-A	--	13	--	--	--	--
C-G	--	--	--	11	--	2

FIGURE 16